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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10705,604
				Filing Date	November 10, 2003
				First Named Inventor	Shunpei YAMAZAKI et al.
				Art Unit	1792
				Examiner Name	James Lin
Sheet	1	of	4	Attorney Docket Number	0553-0381

US PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5247190	09-21-1993	FRIEND.R et al.	
		US-5399502	03-21-1995	FRIEND.R et al.	
		US-5952037	09-14-1999	NAGAYAMA.K et al.	
		US-2002/0031874	03-14-2002	YAMAZAKI.S et al.	
		US-6245393	06-12-2001	THOMPSON.M et al.	
		US-6403392	06-11-2002	BURROWS.P et al.	
		US-5264376	11-23-1993	ABBOTT.D et al.	
		US-6348359	02-19-2002	VAN SLYKE.S et al.	
		US-6300021	10-09-2001	GOROG.I et al.	
		US-5916729	06-29-1999	KOBAYASHI.E et al.	
		US-5811020	09-22-1998	ALWAN.J	
		US-5344676	09-06-1994	KIM.K et al.	
		US-3060429	10-23-1962	WINSTON.C	
		US-3416153	12-10-1968	HERTZ.C	
		US-3596275	07-27-1971	SWEET.R	
		US-3747120	07-17-1973	STEMME.N	
		US-3946398	03-23-1976	KYSER.E et al.	
		US-4820196	10-26-1986	HERTZ.C et al.	
		US-5583552	12-10-1996	MUTOH.M	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Country	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
		JP 11-54270	02-26-1999	Japan	Abst.
		JP 11-54272	02-26-1999	Japan	Abst.

Examiner Signature	/James Lin/	Date Considered	05/14/2009
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**INFORMATION DISCLOSURE
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		Number-Kind Code ² (if known)			
		US-4226182	10-07-1980	DANIELSEN K et al.	
		US-3147142	09-01-1964	RUDO.F	
		US-6511545	01-28-2003	BANNO.Y et al.	
		US-6696105	02-24-2004	HIROKI.M et al.	
		US-6821553	11-23-2004	MIYASHITA S et al.	
		US-4138284	02-06-1979	POSTUPACK.D	
		US-6211538	04-03-2001	PARK.Y	
		US-6369507	04-09-2002	ARAI.M	
		US-6858464	02-22-2005	YAMAZAKI.S et al.	
		US-2005/0147739	07-07-2005	Yamazaki S et al.	
		US-6843937	01-18-2005	KIGUCHI.H et al.	
		US-2007/0122937	05-31-2007	YAMAZAKI.S et al.	
		US-6864638	03-08-2005	ISHIHARA S et al.	
		US-7141817	11-28-2006	NISHI.T et al.	
		US-2007/0218797	09-20-2007	YAMAZAKI.S et al.	
		US-5678116	10-14-1997	SUGIMOTO.K et al.	
		US-2003/0122127	07-03-2003	YONEKURA.H et al.	
		US-6280273	08-28-2001	CODAMA.M	
		US-5584739	12-17-1996	ITO.H S et al.	

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Examiner Name	James Lin
Attorney Docket Number	0553-0381

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SCHENK, H. et al., "Polymers for Light Emitting Diodes," EuroDisplay '99: Proceedings of the 19th IDRC (International Display Research Conference), Berlin, Germany, September 6, 1999, pp. 33-37.	Eng.
		TSUTSU, T. et al., "Electroluminescence in Organic Thin Films," Photochemical Processes in Organized Molecular Systems, 1991, pp. 437-450.	Eng.
		BALDO, M.A. et al., "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices," Nature, vol. 395, September 10, 1998, pp. 151-154.	Eng.
		BALDO, M.A. et al., "Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophosphorescence," Appl. Phys. Lett. (Applied Physics Letters), vol. 75, no. 1, July 5, 1999, pp. 4-6.	Eng.
		TSUTSUI, T. et al., "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center," Jpn. J. Appl. Phys. (Japanese Journal of Applied Physics), vol. 38, part 2, no. 12B, December 15, 1999, pp. L1502-L1504.	Eng.
		SHIMODA, T. et al., "Technology for Active Matrix Light Emitting Polymer Displays," IEDM 99: Technical Digest of International Electron Devices Meeting, 1999, pp. 107-110.	Eng.
		KIMURA, M. et al., "Low-Temperature Poly-Si TFT Driven Light-Emitting-Polymer Displays and Digital Gray Scale for Uniformity," IDW '99: Proceedings of the 6th International Display Workshops, 1999, pp. 171-174.	Eng.
		SWEET, R.G. "High Frequency Recording with Electrostatically Deflected Ink Jets," Rev. Sci. Instrum. (Review of Scientific Instruments), vol. 36, no. 2, February 1, 1965, pp. 131-136.	Eng.
		PIMBLEY, W.T. et al., "Satellite Droplet Formation in a Liquid Jet," IBM J. Res. Develop. (IBM Journal of Research and Development), vol. 21, no. 1, 1977, pp. 21-30.	Eng.
		HERTZ, C.H. et al., "Ink Jet Printing of High Quality Color Images," Journal of Imaging Technology, vol. 15, no. 3, June 3, 1989, pp. 141-148.	Eng.

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[illegible]

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1 Applicant's unique contact designation (notifier) is: Patent 2,231,450, Alexandria, VA 22314-1450
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